Name _____ Date _____

Part 3 Practicing the Operations

Use the strategies menus for addition, subtraction, and multiplication in the *Student Guide* Reference section.

1. Solve the following problems in your head. Estimate the answers to Questions 1H and 1I.

A. 240 + 60 = _____

B. 2089 + 401 = _____

C. 1250 − 300 = _____

D. 10,000 − 6700 = _____

E. 3800 + 1200 = _____

F. 17,000 – 8800 = _____

G. 5300 + 7700 = _____

H. Estimate: 89 × 18

I. Estimate: 1270 × 50

2. Solve the following problems using a paper-and-pencil method or mental math. Estimate to be sure your answers are reasonable.

A. 473 + 1548 = _____

B. 28 × 59 = _____

C. 7034 × 9 = _____

D. 3704 − 478 = _____

E. 3678 + 2935 = _____

F. 43 × 69 = _____

G. 47 × 56 = _____

H. 8635 − 7946 = _____

Name _____ Date _____

Part 4 Fraction Number Lines

You may use the fraction number lines to complete Questions 1–7.

1. Write three fractions that are between $\frac{1}{4}$ and $\frac{1}{2}$. _____, _____, _____

2. Write four fractions that are less than $\frac{1}{4}$. _____, _____, _____, _____

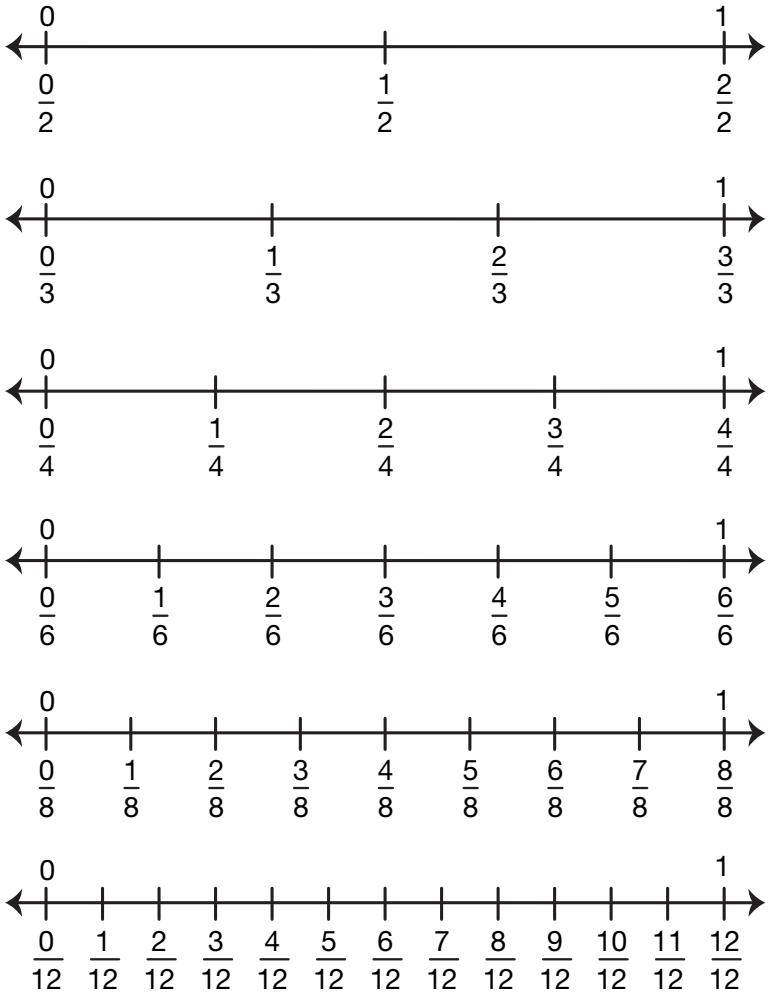
3. Name a fraction equivalent to $\frac{1}{4}$. _____

4. Name two fractions that are equivalent to $\frac{2}{3}$. _____, _____

5. Name three fractions between $\frac{1}{6}$ and $\frac{3}{8}$. _____, _____, _____

6. Name two fractions between $\frac{3}{4}$ and $\frac{11}{12}$. _____, _____

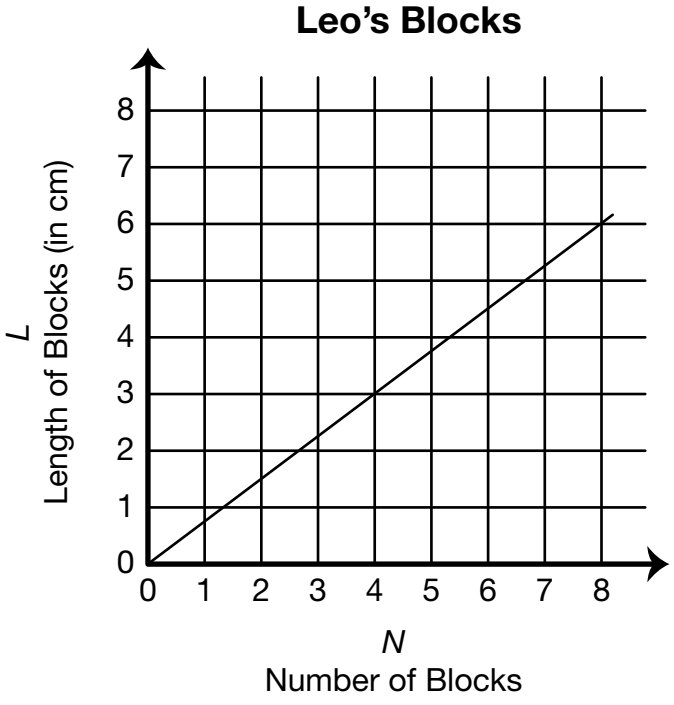
7. Name three fractions that are equivalent to $\frac{1}{2}$. _____, _____, _____



Name _____ Date _____

Part 5 Ratios

Leo made this graph. It shows the number of blocks and their total length in centimeters.



Use the graph to answer the following questions. Show or tell how you solved each problem. If you find more than one way to solve the problem, describe each method. You may write on the graph.

1. Write the ratio of length to the number of blocks as a fraction. _____

2. Find the length of four blocks. _____

3. How many blocks will measure six centimeters? _____

4. Find the length of 40 blocks. _____

5. A. Find the length of 60 blocks. _____

B. Show or tell how you solved Question 5A.